

Title (en)

Process for the production of crystalline adduct of bisphenol A and phenol and apparatus therefor

Title (de)

Verfahren und Herstellung eines Kristallinadduktes von Bisphenol A mit Phenol und Vorrichtung dafür

Title (fr)

Procédé pour la préparation d'un adduit cristallin du bisphénol A avec le phénol et appareil prévu à cet effet

Publication

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Application

EP 96200435 A 19920529

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- EP 92304932 A 19920529
- JP 16955791 A 19910710
- JP 29221191 A 19911011
- JP 30652091 A 19911025
- JP 30652191 A 19911025
- JP 30652491 A 19911025
- JP 31198991 A 19911030

Abstract (en)

[origin: EP0522700A2] High purity, crystalline adduct of bisphenol A and phenol is produced multi-stage crystallization of a phenolic slurry of bisphenol A with a crystal separation and washing step being interposed between each of the two stages. Each of the crystallization stage includes a series of crystallization towers operated at decreasing temperatures. The crystallization of the slurry is performed by continuously discharging a portion of the slurry from each of the crystallization towers, introducing the discharged slurry into one or more coolers and then recycling the cooled slurry to the tower. Another portion of the slurry in each crystallization slurry is continuously discharged, heated for dissolving fine crystals of the adduct and then recycled to the crystallization tower so that large crystals are grown in each of the crystallization steps. An apparatus having a plurality of coolers and suitable for effecting the above crystallization is also disclosed.

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B01D 3/141 (2013.01 - EP US); **C07C 37/685** (2013.01 - EP US); **C07C 37/84** (2013.01 - EP US)

Citation (search report)

- [A] EP 0332878 A1 19890920 - MITSUI TOATSU CHEMICALS [JP]
- [A] EP 0330146 A1 19890830 - MITSUI TOATSU CHEMICALS [JP]
- [A] FR 2289476 A1 19760528 - RHONE POULENC IND [FR]

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US6203612B1; EP1992604A3; US7427694B2; US6710211B1; WO0047542A1

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